

WHAT IS CLAIMED IS:

1. A reproduction-only recording medium comprising:
  - a contents data area where contents data is recorded; and
  - 5 a plurality of control-data areas where control data which controls reproduction of the recorded contents data is recorded using phase pits, wherein  
said control-data area on which the control data having the same contents is repeatedly recorded is formed.
- 10 2. The recording medium of claim 1 wherein  
each said control-data area is separated from other said control-data areas by a width which is greater than the width in the radial direction of said recording medium of missing data area
- 15 3. The reproduction-only recording medium of claim 2 wherein  
which causes the control data to be missing when reproducing said recording medium.
- 20 4. The reproduction-only recording medium of claim 2 wherein  
said control-data area has the width of 0.1 mm in the radial direction of the recording medium of said missing-data area.
- 25 5. The reproduction-only recording medium of claim 1 wherein  
said control-data area on which at least the control data, which

is read by an optical means having a numerical aperture of 0.75 or more, is recorded is formed.

6. The reproduction-only recording medium of claim 1 wherein  
5        said control-data area on which at least the control data, which is reproduced by an optical means having a light beam wavelength of 440 nm or less, is recorded is formed.
7. A reproduction-only recording medium comprising:  
10        a contents data area where contents data is recorded; and  
              a control-data area where control data which controls reproduction of the recorded contents data is recorded using phase pits, said control-data area having a preset width in the radial direction of said recording medium, wherein  
15        said control-data area on which the control data having the same contents is repeatedly recorded is formed.
8. The reproduction-only recording medium of claim 7 wherein  
20        said control-data area has a width greater than the width in the radial direction of the recording medium of the missing-data area which causes control data to be missing when reproducing said recording medium.
9. The reproduction-only recording medium of claim 8 wherein  
25        said control-data area has the width of 0.1 mm in the radial direction of the recording medium of said missing-data area.

10. The reproduction-only recording medium of claim 8 wherein  
said control-data area has at least missing-data area which is a  
black dot occurred in the manufacturing process of the recording  
medium.

5

11. The reproduction-only recording medium of claim 1 wherein  
said control-data area on which at least the control data, which  
is read by an optical means having a numerical aperture of 0.75 or  
more, is recorded is formed.

10

12. The reproduction-only recording medium of claim 1 wherein  
said control-data area on which at least the control data, which  
is reproduced by an optical means having a light beam wavelength of  
440 nm or less, is recorded is formed.

15